

SYSTEM AND METHOD FOR REDUCING THE AMOUNT OF REPETITIVE DATA SENT BY A SERVER TO A CLIENT FOR VEHICLE NAVIGATION

ABSTRACT OF THE DISCLOSURE

5 A system and method for reducing the amount of repetitive data sent by a server to a
client for vehicle navigation. The system includes a computer-based vehicle unit located in a
vehicle, a gateway configured to wirelessly send and receive trip information to and from the
vehicle unit, and a computer-based server in communication with the gateway over a
network. The vehicle unit wirelessly receives signals from a computer-based server that
includes the desired navigation information in packet form. The vehicle unit includes a user
10 interface component that presents the received navigation information and records user
requests. The server processes the requests, generates a trip plan according to the navigation
information and sends the generated trip plan back to the vehicle unit via a gateway when a
request has been completed.